

Listing of Claims:

1-25. Canceled.

26. (Previously Presented) A light source element, comprising:

a light waveguide comprising a light exit face;

a surface lying opposite the light exit face, and at least some of lateral surfaces connecting the light exit face and the opposite surface being covered with reflectors that contact the surfaces and at least one of reflect and diffusely return light;

at least one projection formed in at least one lateral surface of the light waveguide, the at least one projection extending over less than an entire length of the at least one lateral surface of the waveguide and comprising two non-lateral surfaces on opposite sides of the projection that are connected by lateral surfaces of the projection,

wherein the at least one projection comprises a first lateral surface of the projection that is covered by a reflector, and a second lateral surface of the projection that is not covered by a reflector and is arranged at an acute angle relative to a principal direction of extent of the light waveguide, forming a light entry face; and

wherein a light source is positioned in front of at least one light entry face, the light source being a semiconductor light-emitting diode.

27. (Previously Presented) The light source element according to claim 26 wherein light radiation emitted during operation by the light source penetrates into the light waveguide with an oblique angle.

28. (Previously Presented) The light source element according to claim 26 wherein the at least one projection has a triangular shape.

29-30. Canceled.

31. (Previously Presented) The light source element according to claim 26 wherein the reflectors are integrally connected to one another.

32. (Previously Presented) The light source element according to claim 26 wherein a material of the reflectors is capable of being injection molded and the reflectors are manufactured by injection molding.

33. (Previously Presented) The light source element according to claim 26 wherein a material of the reflectors is formed of a thermoplastic polyester on a base of polybutylene terephthalate.

34. (Previously Presented) The light source element according to claim 26 wherein a material of the reflectors comprises Pocan®.

35. (Previously Presented) The light source element according to claim 26 wherein reflectors are formed of one of a reflective and diffusely back-scattering film.

36. (Previously Presented) The light source element according to claim 35 wherein the film is formed on a base of polycarbonate.

37. (Previously Presented) The light source element according to claim 35 wherein at least one opening is formed in the film for passage of light radiation.

38-39. Canceled.

40. (Previously Presented) The light source element according to claim 35 wherein the film is at least one of coated and printed with white color.

41. (Previously Presented) The light source element according to claim 26 wherein the light source element forms a closed ring.

42. Canceled.

43. (Previously Presented) A liquid crystal display with a light source element, comprising:  
a liquid crystal element arranged at a side of a light exit face of the light source element, the light source element comprising a light waveguide having said light exit face; a surface lying opposite the light exit face and at least some of lateral surfaces connecting the light exit face and the opposite surface being covered with reflectors that contact the surfaces and at least one of reflect and diffusely return light;

at least one projection formed in at least one lateral surface of the light waveguide, the at least one projection extending over less than an entire length of the at least one lateral surface of the waveguide and comprising two non-lateral surfaces on opposite sides of the projection that are connected by lateral surfaces of the projection,

wherein the at least one projection comprises a first lateral surface of the projection that is covered by a reflector, and a second lateral surface of the projection that is not covered by a reflector and is arranged at an acute angle relative to a principal direction of extent of the light waveguide, forming a light entry face; and

wherein a light source is positioned in front of at least one light entry face, the light source being a semiconductor light-emitting diode.

44. (Previously Presented) The liquid crystal display according to claim 43 wherein the liquid crystal element is held spaced from the light exit face by spacers.

45-58. Canceled.

59. (Previously Presented) The light source element of claim 26, wherein small elevations applied as a point matrix to at least one of the light exit face and the opposite surface of the light waveguide comprise the light-scattering and plane sections.

60. (Previously Presented) The light source element of claim 26, wherein the surface lying opposite the light exit face and all lateral surfaces except for light entry faces are covered with reflectors that contact the surfaces and at least one of reflect and diffusely return light.

61. (Previously Presented) The light source element of claim 26, wherein at least one of the light exit face and the opposite surface of the light waveguide comprise light-scattering sections and plane sections, and an area ratio of the plane sections to the light-scattering sections along the light waveguide is set such that a uniform luminance of the light source element is achieved.

62. (Previously Presented) The light source element of claim 26, wherein the light exit face and the surface opposite the light exit face are substantially parallel.

63. (Previously Presented) A light source element, comprising:

- a light waveguide comprising a light exit face;

- a surface lying opposite the light exit face, and at least some of lateral surfaces connecting the light exit face and the opposite surface being covered with reflectors that contact the surfaces and at least one of reflect and diffusely return light;

- at least one projection formed in at least one lateral surface of the light waveguide, the at least one projection extending over less than an entire length of the at least one lateral surface and comprising a light entry face arranged at an acute angle relative to a principal direction of extent of the waveguide; and

- a light source positioned in front of at least one light entry face, the light source being a semiconductor light-emitting diode,

- wherein the at least one light entry face is configured so that a direction of maximum emission intensity of the semiconductor light-emitting diode is oriented at an oblique angle with respect to each of two principal directions of extent of the light waveguide, and parallel to a plane formed by at least one of the light exit surface and the opposite surface.

64. (Previously Presented) The light source element of claim 63, wherein the light exit face and the surface opposite the light exit face are substantially parallel.

65. (Previously Presented) The liquid crystal display of claim 43, wherein at least one of the light exit face and the opposite surface of the light waveguide comprise light-scattering sections and plane sections, and an area ratio of the plane sections to the light-scattering sections along the light waveguide is set such that a uniform luminance of the light source element is achieved.

66. Canceled.

67. (Previously Presented) A light source element, comprising:  
a light waveguide comprising a light exit face;  
a surface lying opposite the light exit face, and at least some of lateral surfaces connecting the light exit face and the opposite surface being covered with reflectors that contact the surfaces and at least one of reflect and diffusely return light; and  
at least one projection formed in the opposite surface of the light waveguide, the at least one projection extending over less than the entire opposite surface,  
wherein the at least one projection comprises a first surface covered by a reflector, and a second surface not covered by a reflector and forming a light entry face, and  
wherein a light source is positioned in front of at least one light entry face, the light source being a semiconductor light-emitting diode.

68. (Previously Presented) The light source element according to claim 67, wherein the at least one projection has a triangular shape.